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2 9 SEP 1977

MEMORANDUM	FOR.	Director	٥f	Communications,	DDA-
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VIA:

Director of Data Processing, DDA

25X1 FROM:

chiel, information Services Staff, DDO

SUBJECT:

Requirement for CDS Data Link with ODP

Special Center

- 1. With the advent of the Cable Dissemination System (CDS), the DO will be able for the first time to capture and store its electrical traffic in digital form. This represents an accomplishment of major proportions. It greatly facilitates the automated storage and retrieval of the transmitted messages and the processing of the information contained within them. It permits the automation of many processes now performed manually, including a major keying effort. It reflects a significant step forward in our ability to support the users of the DO records system in the field and at Headquarters. The support of the Office of Communications in this effort is greatly appreciated.
- 2. After CDS is fully operational, however, we would like your assistance in providing a second high speed data link from the system. This data link would connect the CDS with the ODP Special Center in Room GC-47 where the ADP facilities supporting the DO are located. DO traffic is currently being sent to the Ruffing Center in Room GC-03 via the only high speed CDS data link available. This traffic, mixed with all other Agency traffic on the data link, must be extracted from the message stream and spooled to a dedicated disk file. Periodically, the DO messages are written to tape. The tapes are then hand-carried to the Special Center where the data is entered into the newly developed DO software system known as COMET (Collection of Operational Messages Electrically Transmitted).
- 3. There are many benefits attendant to the direct routing of DO electrical traffic from CDS to the Special Center. The most important of these are outlined below.

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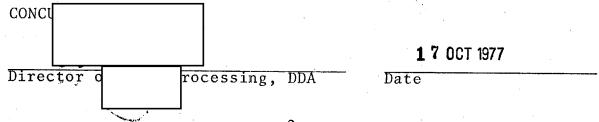
O N F J D E N T J A L Approved For Release 2005/07/14 : CIA-RDP84-00933R000200210006-3

- The timeliness and efficiency of handling the DO electrical traffic would be enhanced, because a dedicated DO data link would eliminate the need to manually transport the magnetic tapes from one computer center to the other to be run as a batch job.
- The accuracy of the digitally stored electrical traffic would be improved because a DO data link would preclude the need to process the cable traffic in both centers, and eliminate the writing and reading of tapes that process requires. This reduction in the number of processing steps would result in a comparable reduction in the number of processing errors.
- The security of the DO electrical traffic would be enhanced because an exclusive DO data link would terminate the introduction of this traffic into a multi-computer environment serving hundreds of non-DO users. Although the DO is willing to accept that risk for the short term in exchange for the early capability to process its cable traffic digitally, prudence dictates that the risk be removed as soon as practical rather than continuing over the long term. DO planning envisions that cable traffic of considerably higher sensitivity will be included in the CDS stream in the future. With a dedicated data link the DO can ensure the security compartmentation required to protect that traffic which contains information concerning sources and methods.

4. Your support of this request will be greatly	
appreciated, as it will result in a valuable improvement in	
our ability to provide automated support to the many users of	
the DO records system. OC analysts may contact	
extensions for detailed information concerning installa-	
tion requirements.	

IS/ William F. Donnelly

William F. Donnelly



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Mr. May:	STAT		17 Oct. 18,	77
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witte	Friday last,	I am stron	gly convinced this	
action should be	approved. The	ere are for	7 prime reasons	
for approval	₹	<u></u>	to the second of	
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without /	redundant proce	using.		
2) If 9	ires Polo a wa	in secure fre	ling - by cutting	
down the	number of new,	ule & processe	e involved in	
message t	reffice, it might	le statisticas	ly more secure.	
3) If me	are ultimately	, to achieve	flepibility ballings	ı
in C.	DS processing	this installa	Tion is a mandatory	,
step, U	thether we figh	is the battle 🙀	over the	
link-re	p 2 6C-03-6	C-47 is not	at issue now-	<u> </u>
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initia	tel it is ap	lus - they ar	e ziving us ammo	
for le	ter use.	03 000	00 47	
4) 000	will receive on	ly DDO mes	rayes in 6C-47,	
60-03	will receive a	20 other appro	priate CDS werrages	f
This M	leans there will be !	ro displicate po	versing and odds to	
voth re	isons 1\$2.			
I think you st	hould concur. T	he answer to y	our question of para.	Z
(see your commen	to) is conered, It	tunk, by reason	2. The question of	
software price & s Approved Fo	cope must he defen r Release 2005/07/14 : C	ded by DD/0 - TA IA-RDP8 4-00933R00 0	ey will have to do it. 020021,0006-3	
		and a constitution of the	STAT	

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2. If the Do treffic flows throughout the OC stoff Commo met and author may and CDS mixed with other beging troffic; why does a dedicated link from CDS to 60-47 offer any greater protection of sensetive Do treffic? Is OC mell impllible? Why shouldn't question taking the action Almuelly proposed until we have segred the problem and priced it aut. Why come is it ok to have a link from CDS to link from 60-03 to 60-47? Bull Sh-

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Requirement for CDS Data Link with ODP Special Center (GC-47) PURPOSE OF ACTION:								
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DISCUSSION:	technical obj	agtions	· · · · · · · · · · · · · · · · · · ·		·			
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I have on problem with

the link. There either

is or is not a receivity

problem with traffic in

the Ruffing Center. How

can Do creept a tempory

receivity problem with traffic

in the Ruffing Center?

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